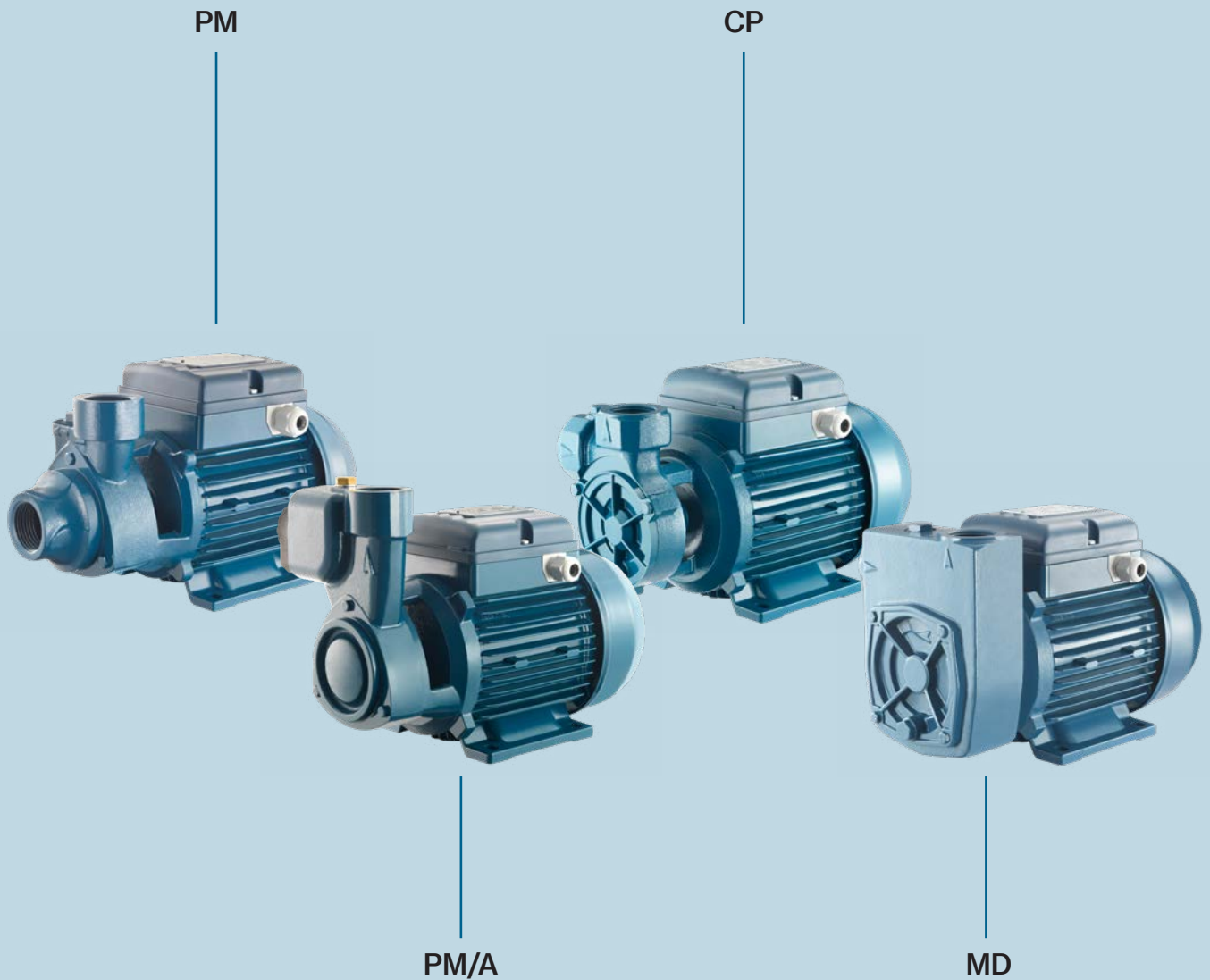


PERIPHERALS PUMPS

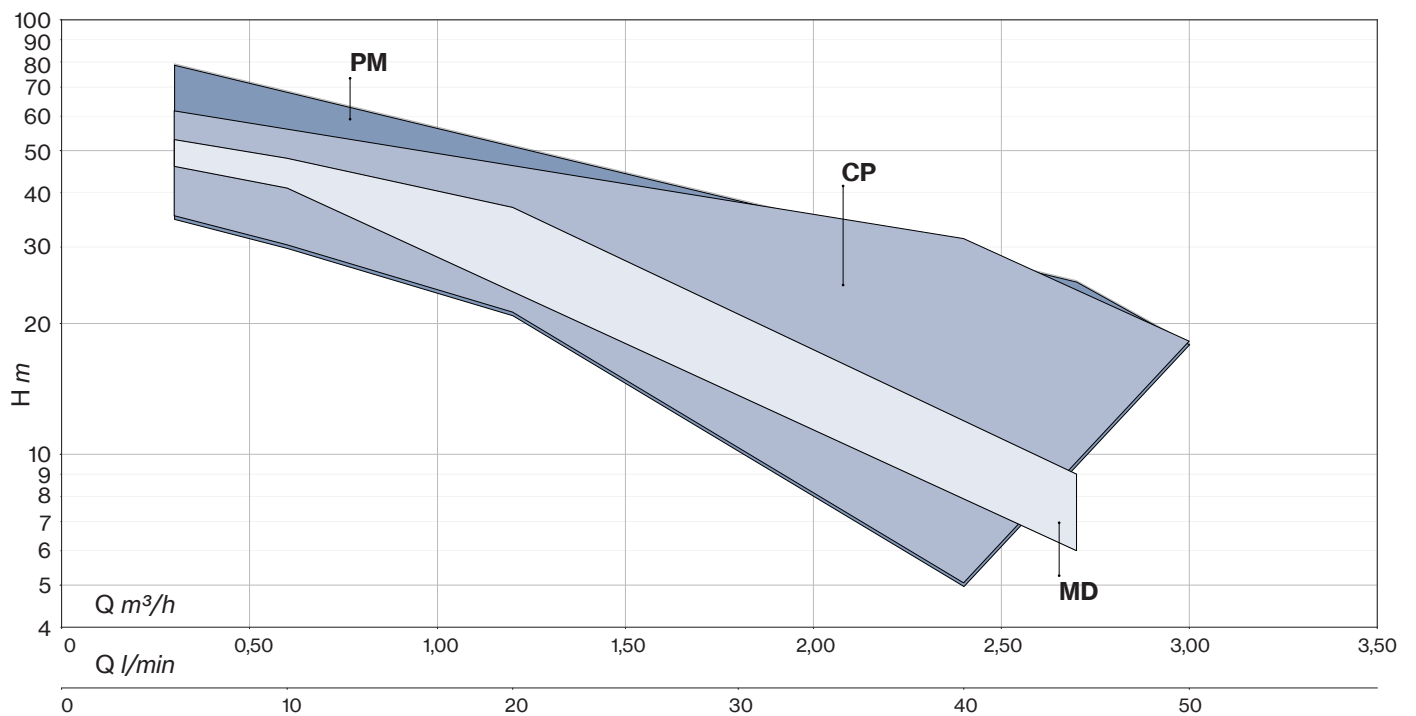


Range of peripheral and liquid ring type positive displacement pumps; they are characterized by the high ratio between the performances offered and the power required.

Applications:

- Small domestic installations
- Boiler feeding
- For washing
- Pressurization of industrial plants
- Small autoclaves
- Transfer of liquids

PERIPHERALS PUMPS





PM



PM/A



PM50

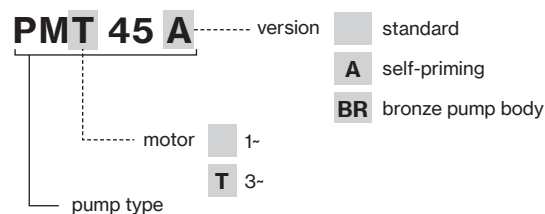
Peripheral positive displacement pumps with front suction (PM) and side suction with self-priming system (PM A) for small household systems and simple industrial applications; characterised by a considerable ratio between performance and required output.

Construction features

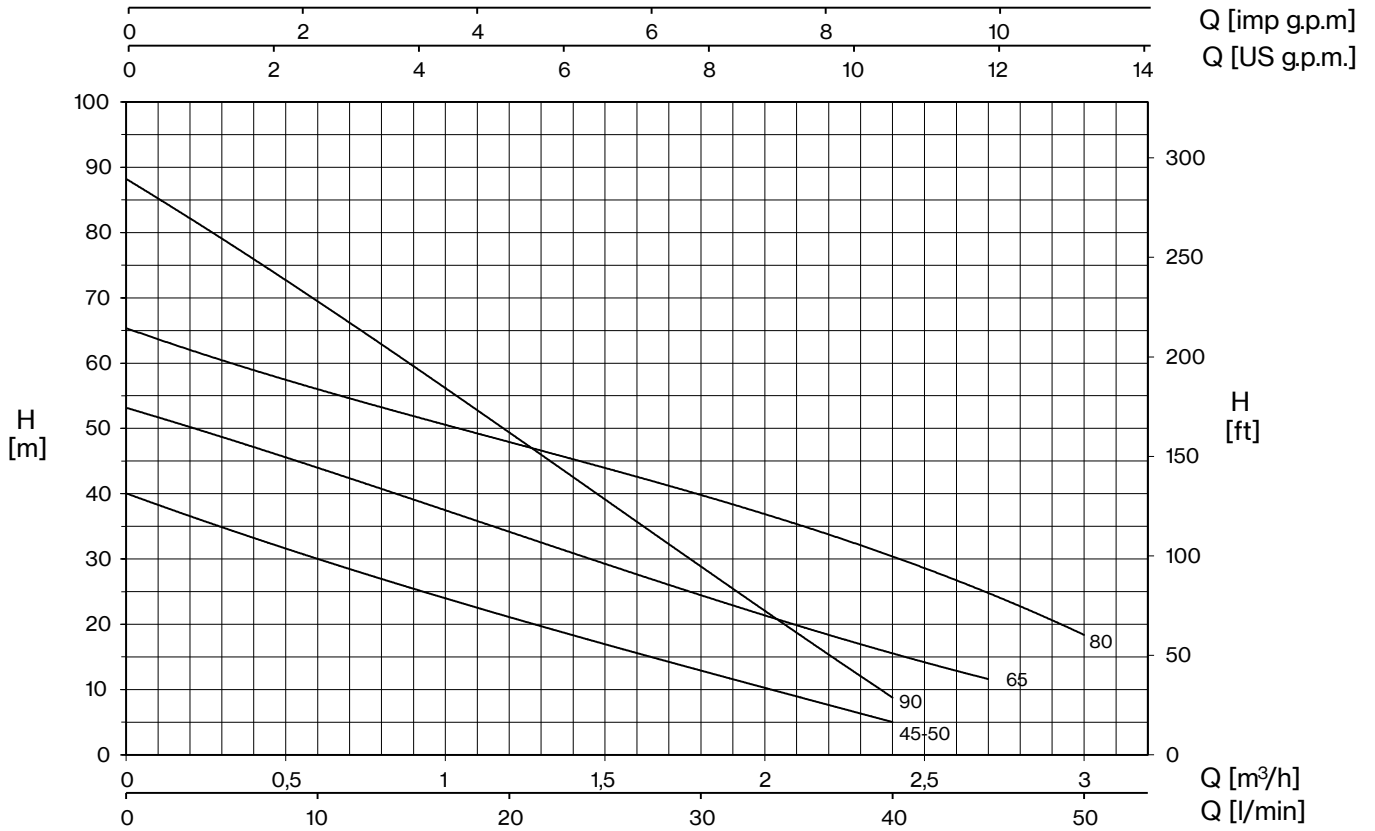
Painting	cataphoresis (50)
Pump body	cast iron bronze (45BR)
Motor bracket	cast iron bronze (45BR) aluminum with AISI304 insert (50)
Impeller	brass
Mechanical seal	ceramic-graphite-NBR
Motor shaft	stainless steel AISI 416
Liquid temperature	0 - 90 °C
Operating pressure	max 6 bar (45, 50) max 8 bar (65, 80) max 9 bar (90)

Motor

	3- 230/400V - 50Hz
2 poles induction motor	1- 230V - 50Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4



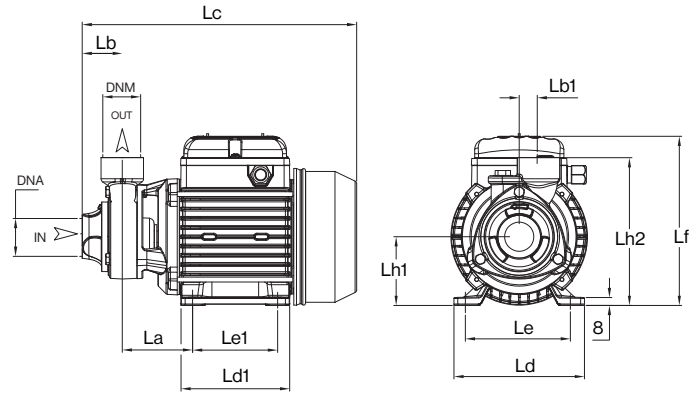
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
PM(T) 45÷50	85×110×170	198	85×110×190	220
	80×120×170	207	80×120×190	230
PM(T) 45A	80×110×170	105	85×110×190	135
PM(T) 65A			85×120×170	136
PM(T) 80-90				
PM(T) 65	80×120×140	152	80×120×175	171
	85×100×140	160	85×100×175	180
PM(T) 80A	80×120×145	102	80×120×190	136



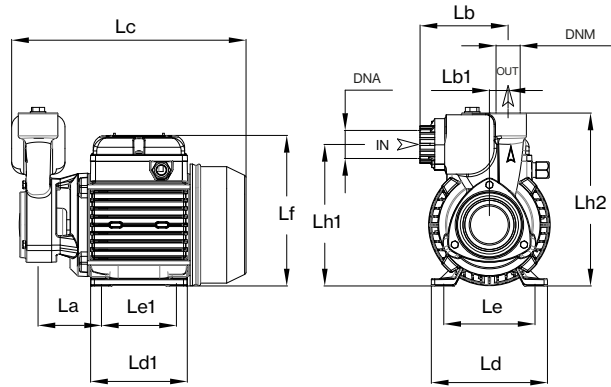
TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)							
1~	3~			1~	3~	1~ 230V	3~ 400V	0	0,3	0,6	1,2	1,8	2,4	2,7	3
		HP	kW	kW		A		0	5	10	H (m)				
PM 45	PMT 45	0,5	0,37	0,5	0,5	2,3	1,0	40,0	35,0	30,0	21,0	13,0	5,0		
PM 45BR	PMT 45BR	0,5	0,37	0,5	0,5	2,3	1,0	40,0	35,0	30,0	21,0	13,0	5,0		
PM 45A	PMT 45A	0,5	0,37	0,5	0,5	2,3	1,0	40,0	35,0	30,0	21,0	13,0	5,0		
PM 50	-	0,5	0,37	0,5	-	2,3	-	40,0	35,0	30,0	21,0	13,0	5,0		
PM 65	PMT 65	0,7	0,5	0,9	0,9	4,0	1,7	53,1	48,8	44,1	33,8	24,7	15,5	11,6	
PM 65A	PMT 65A	0,7	0,5	0,9	0,9	4,0	1,7	53,1	48,8	44,1	33,8	24,7	15,5	11,6	
PM 80	PMT 80	1	0,74	1,1	1,1	5,2	2,0	65,0	61,0	56,0	48,0	39,0	31,0	25,1	18,0
PM 80A	PMT 80A	1	0,74	1,1	1,1	5,2	2,0	65,0	61,0	56,0	48,0	39,0	31,0	25,1	18,0
PM 90	PMT 90	1	0,74	1,2	1,1	5,6	2,0	88,2	79,2	69,3	49,5	28,8	8,8		



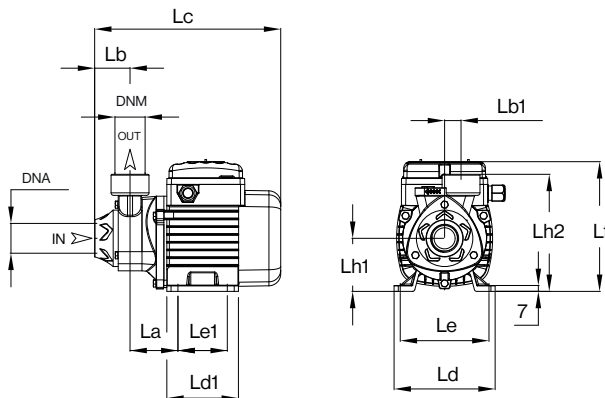
PM



TYPE		DIMENSIONS (mm)															Kg	
1~	3~	La	Lb	Lb1	Lc	Ld	Ld1	Le	Le1	Lf	Lh1	Lh2	DNA	DNM	I	L		M
PM 45	PMT 45	63	50	20	260	120	101	100	80	158	63	143	1" G	1" G	265	150	175	6,5
PM 45BR	PMT 45BR	63	50	20	260	120	101	100	80	158	63	143			265	150	175	7
PM 65	PMT 65	71,5	42	20	256	120	101	100	80	158	63	145			300	170	195	10,5
PM 80	PMT 80	72,5	41	20	280	135	112	112	89	172	71	152			310	185	195	11
PM 90	PMT 90	74,5	50	20	286	135	112	112	89	172	71	158						



TYPE		DIMENSIONS (mm)															Kg	
1~	3~	La	Lb	Lb1	Lc	Ld	Ld1	Le	Le1	Lf	Lh1	Lh2	DNA	DNM	I	L		M
PM 45A	PMT 45A	63	89	20	240	120	101	100	80	158	150	184	1" G	1" G	300	170	195	7,5
PM 65	PMT 65	71,5	42	20	256	120	101	100	80	158	63	145			285	150	180	8,5
PM 65A	PMT 65A	71,5	101	20	248	120	101	100	80	158	157	193			300	170	195	9
PM 80A	PMT 80A	71,5	101	20	271	135	112	112	89	172	165	201			290	170	230	11



TYPE	DIMENSIONS (mm)																	Kg
1~	La	Lb	Lb1	Lc	Ld	Ld1	Le	Le1	Lf	Lh1	Lh2	DNA	DNM	I	L	M		
PM 50	52	42	20	221	120	85	98	67	154	63	139	1" G	1" G	245	150	175	5,5	





Peripheral positive displacement pumps with side suction for small household systems and simple industrial applications; characterised by a considerable ratio between performance and required power; frontal brass insert avoiding the risk of blockage.

Construction features

Pump body cast iron and brass

Motor bracket cast iron

Impeller brass

Mechanical seal ceramic-graphite-NBR

Motor shaft stainless steel AISI 416

Liquid temperature 0 - 90 °C

Operating pressure max 8 bar

Motor

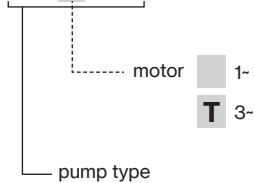
3~ 230/400V - 50Hz

2 poles induction motor 1~ 230V - 50Hz
(with thermal protection)

Insulation class F

Protection degree IPX4

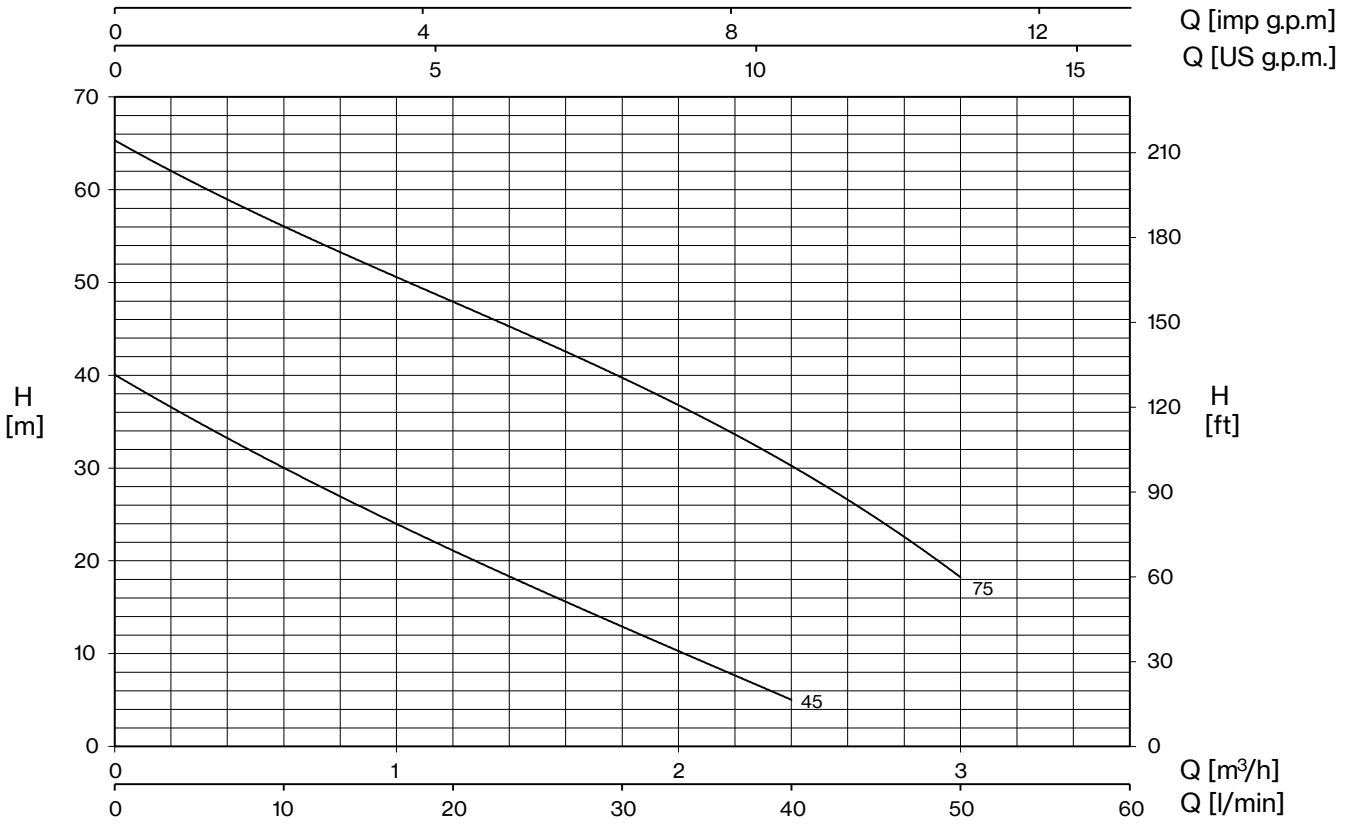
CPT 45



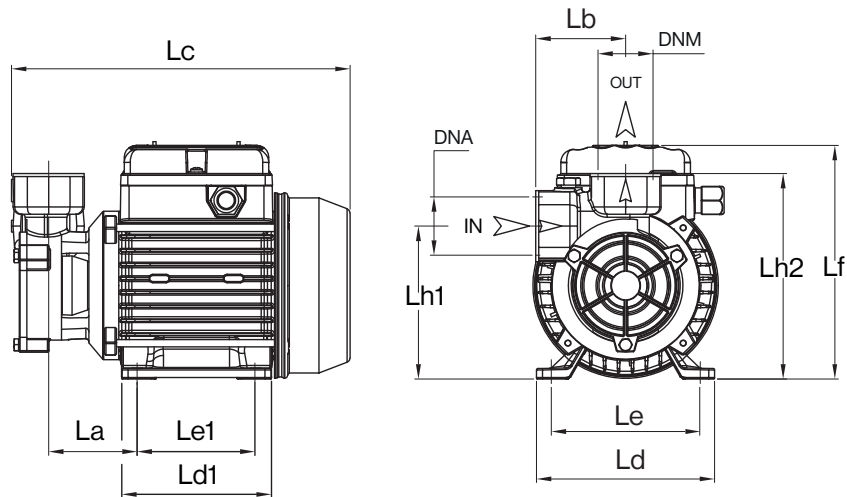
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
CP(T) 45	85×110×170	207	85×110×190	220
	80×120×170	198	80×120×190	230
CP(T) 75	85×110×170	105	85×110×190	135
			80×120×170	136





CP



TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)					
1~	3~			1~	3~	1~ 230V	3~ 400V	0,3 5	0,6 10	1,2 20	1,8 30	2,4 40	3 50
		HP	kW	kW		A		H (m)					
CP 45	CPT 45	0,5	0,37	0,5	0,5	2,3	1,0	35,0	30,0	21,0	13,0	5,0	
CP 75	CPT 75	1	0,74	1,11	1,13	5,2	2,0	61,0	56,0	48,0	39,0	31,0	18,0



TYPE		DIMENSIONS (mm)															
~1	~3	La	Lb	Lc	Ld	Ld1	Le	Le1	Lf	Lh1	Lh2	DNA	DNM	I	L	M	Kg
CP 45	CPT 45	67	60	235	120	101	97	80	165	105	140	1" G	1" G	265	145	165	5,7
CP 75	CPT 75	71,5	60	263	135	112	112	89	172	124	156	1" G	1" G	310	185	195	9,2





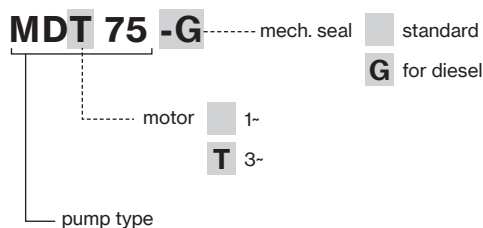
Volumetric pumps with liquid ring impeller that gives considerable suction power. Particularly suitable for liquid transfer (including volatile liquids). The pumps have a frontal brass cover thus avoiding the risk of blockage.

Construction features

Pump body	cast iron and brass
Motor bracket	cast iron
Impeller	brass
Mechanical seal	ceramic-graphite-NBR
Motor shaft	stainless steel AISI 416
Liquid temperature	0 - 90 °C
Operating pressure	max 8 bar

Motor

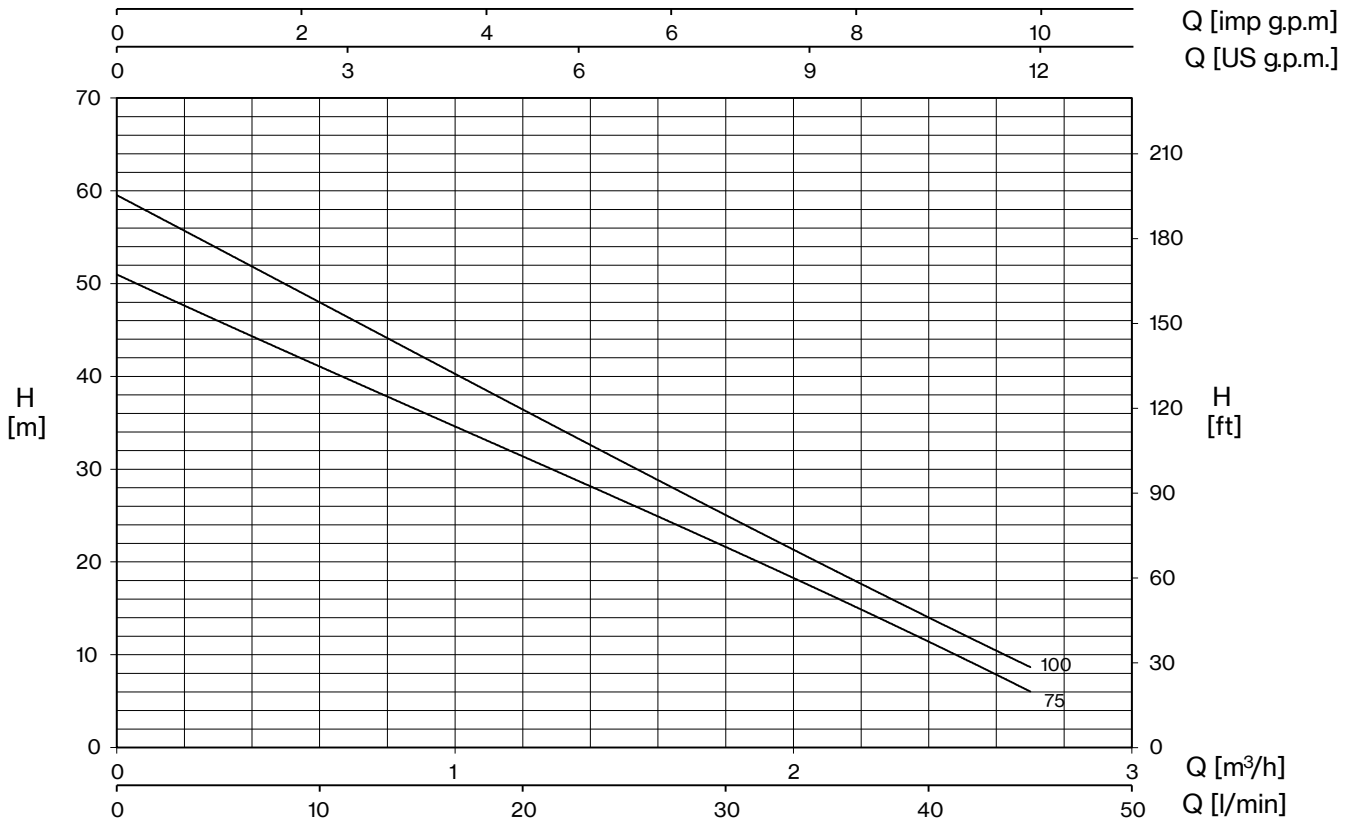
	3~ 230/400V - 50Hz
2 poles induction motor	1~ 230V - 50Hz (with thermal protection)
Insulation class	F
Protection degree	IPX4



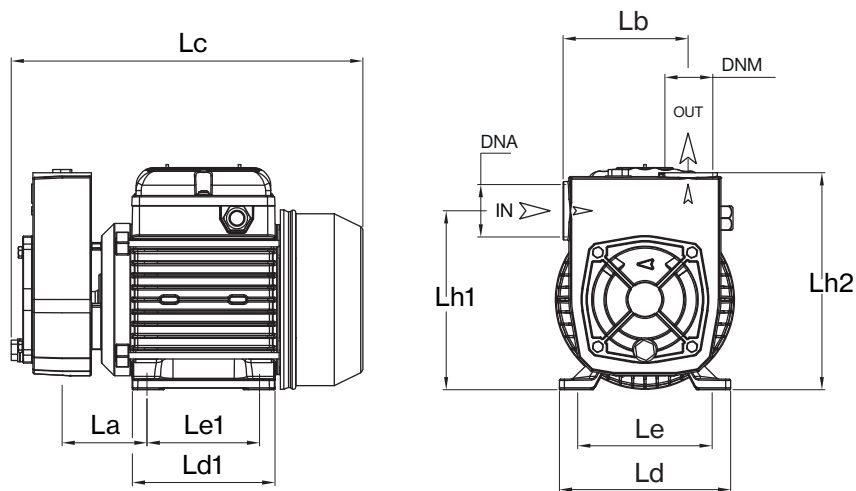
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
MD(T) 75-100	85×110×170	105	85×110×190 80×120×170	135 136



MD



TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)					
1~	3~			1~	3~	1~ 230V	3~ 400V	0,3	0,6	1,2	1,8	2,4	2,7
		HP	kW	kW		A		5	10	20	30	40	45
		H (m)											
MD 75	MDT 75	0,8	0,59	1,03	0,94	5,0	1,7	46,0	41,0	31,5	21,5	11,5	6,0
MD 100	MDT 100	1	0,74	1,17	0,98	5,4	2,1	53,0	48,0	37,0	25,0	13,5	9,0



TYPE		DIMENSIONS (mm)													Kg	
~1	~3	La	Lb	Lc	Ld	Ld1	Le	Le1	Lh1	Lh2	DNA	DNM	I	L		M
MD 75	MDT 75	70	98,5	270	135	112	112	89	141	170	1" G	1" G	310	185	195	11,1
MD 100	MDT 100	70	98,5	270	135	112	112	89	141	170	1" G	1" G	310	185	195	11,8

